



Department of Aviation, HQMC



Naval Aviation's Future: Leadership & the Challenges

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LtGen Mike Hough
Deputy Commandant for
Aviation



Outline

- Philosophy and Vision
- Change
- JSF Capabilities
- Marine Aviation Way Ahead





Philosophy

Naval Solution

- One Team
- One Vision



Six Functions of Marine Aviation

- Offensive Air Support
- Anti-Air Warfare
- Electronic Warfare
- Assault Support
- Control of Aircraft and Missiles
- Reconnaissance





Marine Aviation's Role



Operational Flexibility for
Expeditionary Maneuver Warfare



Change

Harness Change in order to
Retain our Culture
within
Expeditionary Maneuver Warfare



What Change?

Change Period: 2003-2015

- TacAir Integration
- Legacy to Modern Transition
- New Basing Requirements

How We Change will Dictate the Marine Corps' Future for the Next Half Century



TacAir Integration

- Retains our Culture—This is not a New Concept
- Smaller, More Capable, More Affordable Force
- Ensures TacAir Support to the MAGTF
 - ✦ Allows Global Sourcing of all DoN TacAir Assets
 - ✦ USMC CAS Expertise on Every Carrier
- Increased Combat Capability Forward
- In Concert with Sea Basing Concept
- Reinforces Expeditionary Ethos



Aircraft Transition

- KC-130J
- F-18 E/F
- F-18 C/D
- MV-22
- JSF
- H-1Y/Z
- CH-53X
- EW



The Challenge is Maintaining Readiness & Warfighting Relevance



**Throughout the Transition from Legacy to Modern Platforms
in support of Expeditionary Maneuver Warfare**





USMC Platform Roadmap

F-4
RF-4
F/A-18 A/B/C/D
A-6E
OA-4
A-4M
AV-8B

EA-6B

KC-130 F/R/T

CH-46 D/E
CH-53A/D

CH-53E

OV-10D
AH-1 J/W

UH-1N

F-35
JSF

EA-6B/
EF-35

KC-130J

MV-22

CH-53X

AH-1Z

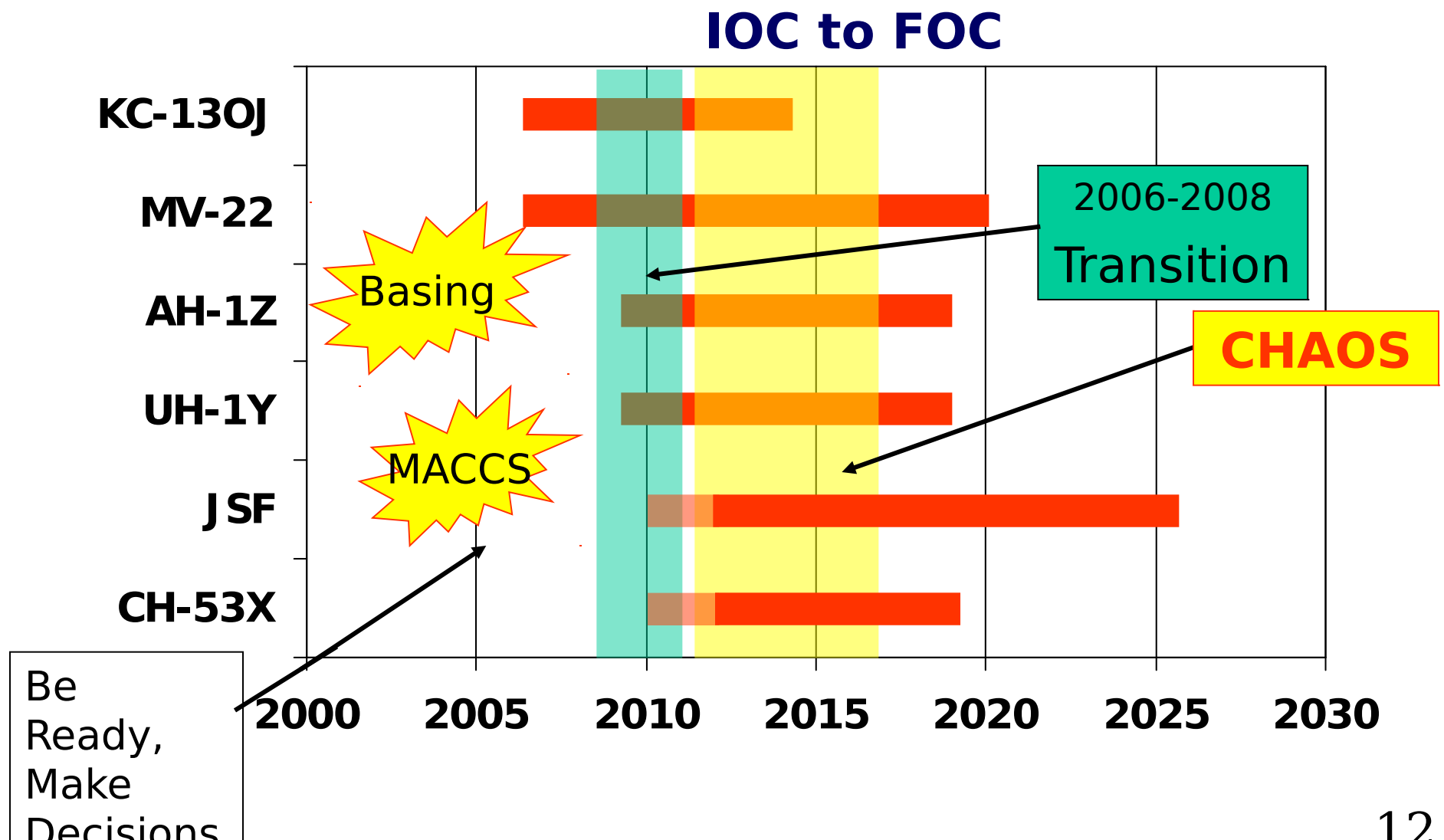
UH-1Y

T/M/S reduction: 23 → 7



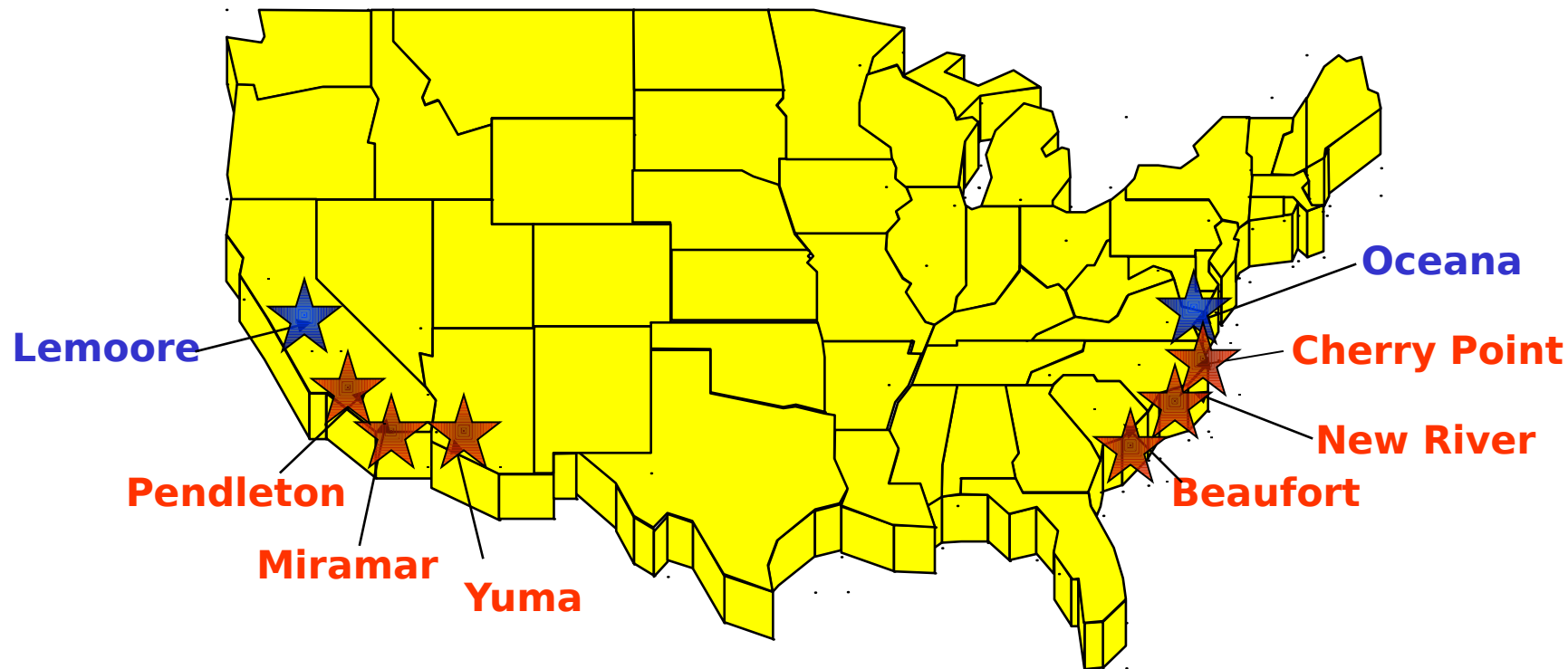


Legacy to Modern Transition Chaos





Basing Challenges



Pendleton—Miramar—Yuma—Cherry Point—New River—
Beaufort

Lemoore—Oceana



STOVL JSF





JSF Capabilities

- Leap-Ahead Technology
- Improved Battlespace Awareness
- All-Weather Precision Strike
- Coordinated Sea Based and Expeditionary Land Based Fires across the Breadth and Depth of the Joint Battlespace
- World-class stealth and unprecedented Survivability
- System of System
- Interoperability with the Ground FAC



JSF Contribution to Expeditionary Maneuver Warfare

- Lethality
- Survivability
- Commonality
- Improved Reliability
- Significant decrease to Logistics & Sustainment Footprint



The Way Ahead



- Execute TacAir Integration within Concept of Expeditionary Warfare & Maneuver from the Sea
- Transition from Legacy to Modern Aircraft (all STOVL Force)
- Integration of All Naval Aircraft with Naval C4I





Philosophy

Naval Solution

- One Team
- One Vision

Our Mission Remains the #1 Priority



How do we meet the 21st Century Challenges for Marine Aviation?



Leadership



Questions

